



Instruction Manual



TW-820 Plus

UHF Wireless Microphone

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ACCESSORIES



OPERATING ENVIRONMENTS & NOTES



When using this device, keep it away from water.



Use the device in ventilated environment, keep it away from fire.



Since it's a wireless device, please keep it away from other interfering sources.



Don't take apart the device.



Please use the standard power supply, high voltage may damage the device.



Please place the used batteries into the recycle bin, don't litter them.

SPECIFICATIONS

Frequency Response: 50Hz–15Khz

Operating Frequency: 902.8-927.6MHz

Operating Range: Up to 60m

Frequency Stability: ± 0.0005 MHz

SNR: 96dB

Sound Distortion: $\leq 0.5\%$

Mic Input Sensitivity: -51dBV

RF Sensitivity: -95dBm

Operating Temperature: -0°C to $+55^{\circ}\text{C}$

Power Supply: DC 12V 1A

MICROPHONE OPERATION INSTRUCTION



As shown in above pictures:

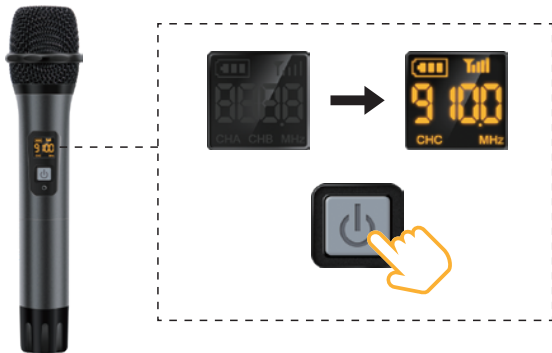
- ① Display Screen ② On/Off Switch ③ Tail Tube
④ H/LO Button ⑤ Battery Compartment



Install 2*AA batteries before using the wireless microphone and installing instruction is as follows:

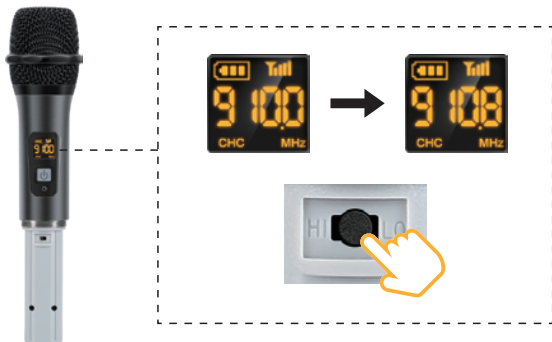
1. Take down the tail tube of mic;
2. Install the batteries and tighten tail tube of mic.

Note: The positive and negative polarity of battery cannot be reversed.



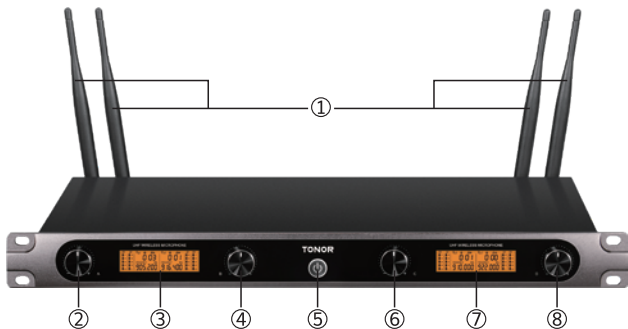
Instruction:

1. Press button ② for 2s to turn it on/off;



2. Press the HI-LO button ④, then the frequency on the screen will be changed.

RECEIVER INSTRUCTION



- ① Receiving antenna
- ②④⑥⑧ Volume adjusting button for microphone
- ③⑦ LCD display screen
- ⑤ Power switch (long press for 2s to turn it on/off)



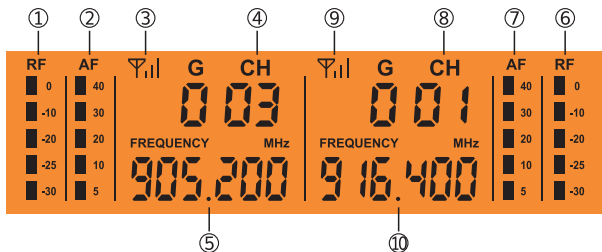
①②⑤⑥ BAL

③ MIX

④ DC IN

Before using the device, take out the wireless receiver from the package, and connect the following cables: firstly, use the 6.35 audio cable to connect the receiver's MIX port and other audio devices (speaker, amplifier, mixer, etc.). Secondly, erect the antenna, and connect the power cable. Thirdly, check if microphone is connected to the receiver successfully after turning on the device.

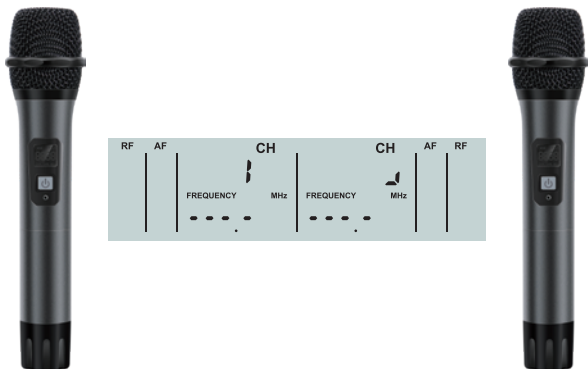
RECEIVER DISPLAY SHOWS



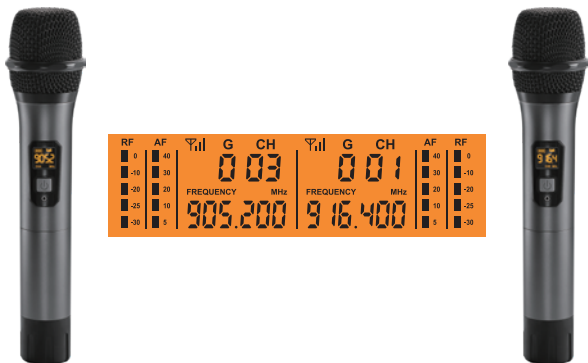
As shown in above pictures:

- ① Signal levels of mic A(C)
- ② Volume levels of mic A(C)
- ③ Signal receiving of mic A(C)
- ④ Current channel of mic A(C)
- ⑤ Current frequency of mic A(C)
- ⑥ Signal levels of mic B(D)
- ⑦ Volume levels of mic B(D)
- ⑧ Current channel of mic B(D)
- ⑨ Signal receiving of mic B(D)
- ⑩ Current frequency of mic B(D)

When the receiver is connected to power supply successfully, but the batteries of microphone are not installed, LCD screen will display as following pictures:



When the receiver is connected to power supply successfully, and the batteries of microphone are also installed, LCD screen will display as following pictures:



TROUBLESHOOTING

Problem	Solution
<p>No sound (the batteries of microphone have been installed, but the LCD screen of the receiver doesn't display anything)</p>	<ol style="list-style-type: none"><li data-bbox="498 309 864 365">1. Make sure that the receiver and microphone are turned OFF.<li data-bbox="498 389 881 473">2. Unscrew the microphone tail tube and install the batteries into the mic's battery compartment.<li data-bbox="498 496 886 725">3. Make sure the microphone is OFF, first press and hold the HI/LO button ④, then press and hold the power button ② until the microphone screen flashes quickly, then release two buttons simultaneously (the HI/LO button and the power button).<li data-bbox="498 749 881 1033">4. Turn on the receiver's power button, wait for 5 seconds or so, then press the HI/LO button ④ (on the microphone) once, until the microphone screen becomes steady and no longer flashes, the frequency displays on both the microphone screen and the receiver screen, which means the pairing is successful.<li data-bbox="498 1057 847 1141">5. Turn off the microphone, then tighten the microphone tail tube. Pairing is now complete.

Problem	Solution
No sound (RF signal bar is not displayed)	<p>Check if microphone is turned on; Check if receiving antenna is erected correctly; Ensure there are no obstacles between microphone and receiver, and their distance is within the max range.</p>
No sound (RF signal bar is displayed, but AF signal bar is not displayed)	<p>Check if the receiver is set at minimum volume; Check if the receiver and speaker is connected correctly.</p>
Received signal with noise or interference	<p>Change to other channels; Check if receiving distance exceeds the maximum range; Position antenna for the best reception.</p>
Microphone cannot be turned on	<p>Check if batteries are installed reversely; Change to new batteries.</p>

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